



State of Utah

GARY R. HERBERT  
*Governor*

GREG BELL  
*Lieutenant Governor*

Department of  
Environmental Quality

Amanda Smith  
*Executive Director*

DIVISION OF WATER QUALITY  
Walter L. Baker, P.E.  
*Director*

**Water Quality Board**  
Paula Doughty, *Chair*  
Steve P. Simpson, *Vice-Chair*  
Myron E. Bateman  
Clyde L. Bunker  
Merritt K. Frey  
Darrell H. Mensel  
Leland J. Myers  
Neal L. Peacock  
Gregory L. Rowley  
Amanda Smith  
Daniel C. Snarr  
Jeffery L. Tucker  
Walter L. Baker  
*Executive Secretary*

**MINUTES**  
**UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY**  
**UTAH WATER QUALITY BOARD**  
DEQ Building Board Room #1015  
195 North 1950 West  
Salt Lake City, Utah 84116  
Wednesday, August 22, 2012

**UTAH WATER QUALITY BOARD MEMBERS PRESENT**

Myron Bateman	Clyde Bunker	Paula Doughty
Greg Rowley	Amanda Smith	Darrell Mensel
Steven Simpson		

Absent: Dan Snarr, Merritt Frey, Leland Myers and Jeffery Tucker

**DIVISION OF WATER QUALITY STAFF MEMBERS PRESENT**

Walt Baker, Faye Bell, John Whitehead, Leah Ann Lamb, Carl Adams, Kari Lundeen, Beth Wondimu, John Mackey, Cantón, David Snyder, Chris Bittner, Toby Hooker and Judy Etherington

**OTHERS PRESENT**

<u>Name</u>	<u>Organization Representing</u>
Todd Stonely	Div of Water Resources
Jim Olson	HDR
Jill Houston	Central Davis Sewer
Clint Rogers	Carollo
Scott Kettler	Horrocks
Lee Snelgrove	Mayor Francis City
Craig Anderson	Attorney General Office
Rob Dubuc	WRA
Eric Johnson	Bond Counsel
Jeff Albrecht	Sunrise Engineering/Eureka City
Milt Hanks	Eureka City
Doug Nielson	Sunrise Engineering

Chair Doughty called the Board meeting to order at 9:35 a.m. and invited the members of the audience to introduce themselves.

### **APPROVAL OF MINUTES OF THE JUNE 27, 2012 MEETING**

**Motion:** It was moved by Mr. Simpson and seconded by Mr. Rowley to approve the minutes of the June 27, 2012. The motion was unanimously approved.

**Introduction of new DWQ Staff:** Mr. Bittner introduced Toby Hooker who will be working on the Wetland Program in the Water Quality Management Section.

Mr. Baker introduced Craig Andersen. He has been appointed as the Division Chief of Environmental Division for the Utah Attorney General's Office, representing the state on environmental Issues. He replaces Denise Chancellor who retired in June.

**Executive Secretary's Report:** Mr. Baker told the Board that this past week, Utah hosted the annual meeting of the "Association of Clean Water Administration" (ACWA formerly known as ASIWPCA) in Park City, Utah. Many ideas and concerns were discussed in the meetings held with participants from the states, EPA, agriculture, etc.

Mr. Baker recently had a discussion with Representative Fred Cox on rain water and grey water issues, such as washing machine water segregation from black water. Rep. Cox wants to aggressively pursue statutory or rulemaking changes that will allow increased usage of grey water.

**Budget Issues:** Presently Congress has proposed a 60% slash in SRF funding and sizeable decreases in funding which sustain the base program for monitoring, assessment, permitting and enforcement under the federal Clean Water Act.

### **FUNDING REQUEST**

**Financial Assistance Status Report and the Annual Report of the State Revolving Fund –Ms. Cantón** updated the Board on the "Summary of Assistance Program Funds," as outlined on page 2.1. Ms. Cantón explained the funds awarded to Big Water will not be used and have been returned to the loan fund.

**Francis City Request for Funding Authorization – Ms. Wondimu** introduced Lee Snelgrove, Mayor of Francis City, Scott Kettle with Horrocks Engineering, Clint Rogers with Carollo Engineering and Eric Johnson, Bond Counsel. Francis City is requesting financial assistance in the amount of an \$808,000 grant and a \$4,300,000 loan at an interest rate of 0% repayable over 20 years for upsizing its existing wastewater treatment lagoon system. Francis City is also requesting a Design Advance in the amount of \$1,094,000.

**Motion:** It was moved by Mr. Bateman to approve an \$808,000 grant and a \$4,300,000 loan to Francis City. The motion was seconded by Mr. Simpson and was unanimously approved.

**Eureka Planning Advance Funding Authorization:** Ms. Wondimu introduced Milton Hanks, Mayor of Eureka City, Doug Nielson and Jeff Albrecht with Sunrise Engineering, Inc. Eureka

City is requesting a Planning Advance in the amount of \$61,000 to prepare a Preliminary Engineering Report (PER) and Environmental Assessment (EA) to update its existing sewer master plan. Staff expects this project will lead to a request for construction funding.

**Motion:**        **It was moved by Mr. Bunker to approve a Planning Advance of \$61,000 to Eureka City. The motion was seconded by Mr. Bateman and was unanimously approved.**

**OTHER BUSINESS:**

**Status of Operating Permit Program:** Mr. Krauth presented an overview of what the Operating Permit Program entails and how it has worked since 2010. In 2010 the Water Quality Board revised R317-1 and R317-3 to provide for operating permits for wastewater treatment facilities which otherwise would not have a permit. The current 5-year implementation plan for operating permits includes: Inventory, Inform, Issue, Inspect and Assistance. Staff anticipates that periodic inspections on these heretofore “unpermitted” facilities and routine reporting by the permittees will provide useful means of heading off water quality problems, including facilities which become hydraulically and organically overloaded.

Mr. Snyder presented to the Board the “Large Underground Wastewater Disposal Systems” (LUWDS) portion of the Operating Permit Program. These systems typically consist of a building sewer, a septic tank and a subsurface disposal system with daily flows ranging from 5,000 gallons to 15,000 gallons, or more. Often, little or no maintenance is performed on these systems, as they are buried out of sight. In our review and experience, lack of maintenance and hydraulic overloading are the main causes of system failure. Performing simple maintenance, like inspecting the septic tank and pumping it out, when necessary, may avoid more costly repairs. For this reason DWQ proposed a basic Operating Permit program to monitor and report on the operation and condition of these large underground systems. In 2008, H.B. 222, amended the powers and duties of the Water Quality Board to include the authority to issue operating permits and to delegate the authority to administer this section to local health departments (*Utah code 19-5-104*). Since the Board incorporated administrative rules to govern these permits into R317-5, Large Underground Wastewater Disposal Systems, staff has identified all known LUWDS in the State and notified all LUWDS owners of the new rule and their responsibility to secure a permit.

**Next Meeting – September 26, 2012  
DEQ Building Board Room #1015  
195 North 1950 West  
Salt Lake City, Utah 84116**

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Paula Doughty, Chair  
Utah Water Quality Board